

AMENDMENT UNDER 37 C.F.R. § 1.111
Application 09/801,049
Attorney Docket Q63429

IN THE CLAIMS:

This set of claims is a clean set of pending claims 1-5, consolidating any previous versions of pending claims into this single clean version, with changes made in this response being shown in the Appendix.

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1. (Amended) A system for operation of an electric generator from a main engine, on board a sea going vessel, having a varying rotational speed, comprising:
a variable hydraulic pump connected to and driven from the main engine on board the sea going vessel,
a hydraulic motor arranged to be driven by the hydraulic pump and to drive the electric generator,
a means for regulating the oil quantity from the pump in dependence on supplied electric control signals, and
an electronic frequency controller which is connected between a voltage output of the generator and the regulating means, and is arranged to deliver said control signals in dependence on frequency deviations on the generator output to thereby maintain the oil quantity from the pump, and therewith the generator frequency, constant.
 2. A system according to claim 1, wherein said regulating means is constituted by a proportional valve converting an electric input signal to a hydraulic input signal influencing a servo piston, the servo piston being arranged to influence the pump displacement proportionally to said hydraulic input signal.
 3. A system according to claim 1, wherein a transformer is arranged between a voltage output of the generator and the frequency controller, for transforming down the frequency signal from the generator to a desired voltage value.

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4. A system according to any one of the claims 1-3, wherein the frequency controller comprises a processor unit which is arranged to control the different functions of the frequency controller, and to be influenced by switches and operating means for adjustment of operational parameters of the frequency controller.

5. A system according to any one of the claims 1-3, wherein the frequency controller comprises a number of control switches for setting operational parameters of the frequency controller to desired predetermined values.

IN THE ABSTRACT:

Please see the enclosed substitute specification, which includes a substitute Abstract of the Disclosure with the line spacing remedied per the Examiner's request.